

Title (en)  
WIRELESS FIRE ALARM SYSTEM

Title (de)  
DRAHTLOSE FEUERALARMSYSTEME

Title (fr)  
SYSTÈME RADIO D'ALARME INCENDIE

Publication  
**EP 2100279 B1 20140820 (EN)**

Application  
**EP 08703838 A 20080116**

Priority

- JP 2008051011 W 20080116
- JP 2007008545 A 20070117

Abstract (en)  
[origin: WO2008088079A1] A power saving wireless fire alarm system has a master station and a plurality of battery-powered fire detecting terminals linked for wireless communication with each other. Upon detection of a fire occurrence at one of the fire detecting terminals, the fire detecting terminal transmit a fire detection message to a master station which in turn transmit a wake-up message to the other fire detecting terminals and thereafter a fire information message which starts a multiple synchronous communication between the master station and the fire detecting terminals. Each fire detecting terminal has a power controller which selects an intermittent reception mode of activating its own receiver only intermittently until receiving the wake-up message or information indicative of the fire occurrence, and select a constant operation mode thereafter to make the fire detecting terminals be ready for the multiple synchronous communication commenced by the fire information message from the master station.

IPC 8 full level  
**G08B 25/10** (2006.01)

CPC (source: EP US)  
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